

## Certificate of Analysis [C.O.A ]

<b>PRODUCT NAME</b>	Vetiver Oil	
<b>CAS Number</b>	8016-96-4	
<b>Botanical Name</b>	Vetiveria Zizanoides	
<b>SOURCE</b>	Steam distillation extraction of Vetiver roots	
<b>PRODUCT APPEARANCE</b>	Brownish to Honey like liquid	By Visual Inspection
<b>SOLUBILITY</b>	Soluble in alcohol and oils. Insoluble in water	
<b>Specific Gravity</b>	0.9990 to 1.1020 @20°C	<b>1.0160</b>
<b>Refractive Index</b>	1.5170 to 1.5290@ 20°C	<b>1.5270</b>
<b>Optical Rotation</b>	+12° to +25°@ 20°C	<b>+17.9°</b>

### COMPOSITION / MAJOR COMPONENTS DATA

Parameters	Norms (In %)	Result (In %)
Khusimol	9.0 – 20.0	<b>16.80</b>
E-Isovalencenol	5.00 – 8.0	<b>7.80</b>
Valencene	4.0 -8.0	<b>5.79</b>
Alpha Vetivone	2.0 – 4.0	<b>2.20</b>
Beta Vetivone	1.5 – 3.0	<b>2.08</b>

**ADDITIONAL INFORMATION** The product is 100% natural. It is not blended, not diluted or formulated. It contains no additives, no carriers and no other technical adjuncts

Lot Number :

Manufacturing Date :

May 2023

Expiry Date :

April 2025

